## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NCR Corporation Docket No. 10239

**Assistant Commissioner for Patents** Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Inventor(s): Ramesh Bhashyam

OPTIMIZING AN EXCLUSION JOIN OPERATION USING A BITMAP INDEX STRUCTURE For:

Enclosed are also:

8 Sheet(s) of Drawings

An unsigned Combined Declaration and Power of Attorney

Form PTO/SB/35 Request for Nonpublication X

## **CLAIMS AS FILED**

FOR	Number Filed		Number Extra		Rate		Basic Fee (\$740)
Total Claims	42	-20 =	22	X	\$ 18	=	\$396.00
Independent Claims	5	-3 =	2	X	\$ 84	=	\$168.00
Multiple Dependent Claims	0			X	\$280	=	\$ 0
			Total Filing Fee			=	\$1304.00

Please charge the above filing fee to the account of NCR Corporation, Deposit Account No. 50-1673.

Please have all communications concerning this application and the recorded Assignment

directed to:

John D. Cowart Teradata Law IP, WHQ-4W **NCR** Corporation 1700 S. Patterson Blvd. Dayton, OH 45479-0001

Our telephone number is: 858-485-4903

Respectfully,

Reg. No. 37,733

Attorney for: Ramesh Bhashyam

CERTIFICATE OF MAILING "EXPRESS MAIL"

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December 31, 2001 Date of Deposit \_

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

> Debra Sprouse (type or print name of person certifying)

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Signature

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## REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

First Named Inventor		Ramesh Bhashyam		
Title	Optimizing An Exclusion Join Operation Using A Bitmap Index Structure			
Atty Docket Number		NCR 10239		

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 31, 2001

Date

Howard L. Speight

Typed or Printed Name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).